






Fuel tank inerting system

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 DE291190

Abstract of EP0867367

An apparatus (10) and method for inerting gaseous constituents occupying the ullage space (18) of a fuel tank (10) provide an elevated temperature carbon bed (28) effective to convert oxygen contained within air to carbon dioxide. The oxygen depleted air is delivered to the ullage space (18), displacing the oxygen containing gaseous constituents of the ullage space (18). The apparatus (24) and method are particularly useful to reduce the risk of a fire or an explosion in a partially emptied fuel tank (10) containing a hydrocarbon fuel (14) such as in jet aircraft.

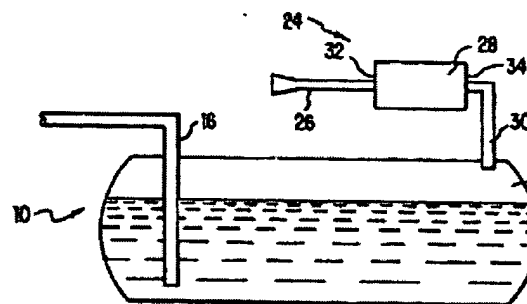


FIG. 2